



Letter of Transmittal

TO: Toll Bridge Program Oversight Committee
(TBPOC)

DATE: August 27, 2009

FR: Program Management Team (PMT)

RE: TBPOC Meeting Materials Packet – September 2, 2009

Herewith is the TBPOC Meeting Materials Packet for the September 2nd meeting. The packet includes memoranda and reports that will be presented at the meeting. A Table of Contents is provided following the Agenda to help locate specific topics.

TBPOC MEETING
September 2, 2009, 10:00 am – 1:00 pm
Public Information Office, 311 Burma Road, Pier 7, Oakland

Topic	Presenter	Time	Desired Outcome
1. CHAIR'S REPORT	S. Heminger, BATA	5 min	Information
2. LABOR DAY WEEKEND BRIDGE CLOSURE			
a. East Tie-In Presentation by C.C. Myers, Mammoet, DCCI*	T. Anziano, CT	60 min	Information
b. Labor Day Weekend Communications Plan*	B. Ney, CT	15 min	Information
3. CONSENT CALENDAR			
a. TBPOC August 7, 2009 Meeting Minutes*	A. Fremier, BATA	1 min	Approval
b. 2010 TBPOC Meeting Calendar*	A. Fremier, BATA	1 min	Approval
c. Yerba Buena Island Detour Contract Change Orders (CCOs): 1) CCO 177 (YB4 Demo)*	D. Noel, CTC	5 min	Approval
4. PROGRESS REPORTS			
a. Draft August 2009 Monthly Progress Report**	A. Fremier, BATA	5 min	Approval
5. SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES			
a. Self-Anchored Suspension Superstructure 1) TBPOC China & Canada Visit Debrief	PMT	30 min	Information
b. Yerba Buena Island Transition Structures No. 1 1) Update	T. Anziano, CT	5 min	Information
c. Oakland Touchdown No. 1 1) Update	T. Anziano, CT	5 min	Information
6. OTHER BUSINESS			
7. TOUR OF YERBA BUENA ISLAND (OPTIONAL)	B. Casey, CT	time permitting	Information
Next TBPOC Meeting: October 1, 2009, 10:00 AM – 1:00 PM Mission Bay Office, 325 Burma Road, Pier 7, Oakland			

*Attachments

**Stand-alone document included in the binder

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TBPOC MEETING September 2, 2009

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3	3	CONSENT CALENDAR a. TBPOC August 7, 2009 Meeting Minutes* b. 2010 TBPOC Meeting Calendar* c. Yerba Buena Island Detour Contract Change Orders (CCO's): 1) CCO 177 (YB4 Demo)*
4	4	PROGRESS REPORTS a. Draft August 2009 Monthly Progress Report**
5	5	SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES a. Self-Anchored Suspension Superstructure 1) TBPOC China & Canada Visit Debrief b. Yerba Buena Island Transition Structures No. 1 1) Update c. Oakland Touchdown No. 1 1) Update
6	6	OTHER BUSINESS
7	7	TOUR OF YERBA BUENA ISLAND (OPTIONAL)

*Attachments

**Stand-alone document included in the binder

ITEM 1: CHAIR'S REPORT

No Attachments

Memorandum

TO: Toll Bridge Program Oversight Committee
(TBPOC)

DATE: August 27, 2009

FR: Tony Anziano, Program Manager, Caltrans

RE: Agenda No. - 2a

Item- East Tie-In Presentation by C.C. Myers, Mammoet, DCCI

Recommendation:

For Information Only

Cost:

N/A

Schedule Impacts:

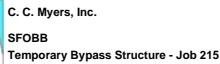
N/A

Discussion:

The East Tie-In (ETI) contractors will provide a presentation of the construction activity over the Labor Day weekend.

Attachment(s):

1. DRAFT East Tie-In Roll-Out/ Roll-In Work Schedule
2. Yerba Buena Island and Mini Toll Plaza Area Construction Maps



Work Schedule for Weekend Full Bridge Closure

DRAFT

LABOR DAY WEEKEND 2009

TRAFFIC CONTROL / OTHER WORKS

ACCESS TO YBI FROM PIER 7

YBI

PIER 7

CT WATER TAXI

(CT, USCG, VIP)

STORAGE

BURMA RD.

EMPTY TRUCKS

ALL RAMPS TO BAY
BRIDGE ARE CLOSED

BURMA RD.

LOADED TRUCKS

MARITIME ST.

ALL RAMPS TO BAY
BRIDGE ARE CLOSED

EAST BAY MUD

OAKLAND TOUCHDOWN

PAVING BY MCM
(BAY CITIES)
REMOVE AND REPLACE
AC PAVEMENT & BASE
SEE OTD1 PLAN PAGE 20AR0

REMOVE-CMS 60 SIGN BY MCM
SEE OTD1 PLAN PAGE 94

INSTALL-CMS 60 SIGN BY MCM
SEE OTD1 PLAN PAGE 94

TRENCHING BY MCM
SEE OTD1 PLAN PAGE 64

BYPASS MCM WORK ZONE

E31

E32

I-80
WB

I-80
WB



LABOR DAY WEEKEND 2009
CONSTRUCTION ACTIVITIES / TRAFFIC CONTROL
TOLL PLAZA (BATA)

BATA

INSTALL NEW QWICK KURB

REPLACE DAMAGED CHANNELIZERS

RESET EXISTING QWICK KURB

METERING LIGHTS

BATA-DEMOLITION

TOLL PLAZA

FLAGGER

STOP

BATA
FOUNDATION
GANTRY STRUCTURE

LOADED TRUCKS

EMPTY TRUCKS





**CT WATER TAXI
(TO/FROM PIER 7)**

SHUTTLE SERVICE

**SHUTTLE SERVICE
(NIMITZ HOUSE)**

**YERBA BUENA
ISLAND**

**TREASURE
ISLAND**

**PUBLIC INFORMATION OFFICE
(TI COMMAND CENTER)**

**CHECK POINT
(CT, USCG, CCM)
TURN AROUND PT.**

USCG ONLY

**SHUTTLE SERVICE
(TO PROJECT SITE)**

**CHECK POINT
(CT, USCG, RESIDENTS, CCM)**

FROM S. F.

LABOR DAY WEEKEND 2009
YBI DETOUR (EAST TIE-IN)



SFOBB WEST SPAN- LOWER DECK

YBI/TI
ONLY



MAINTENANCE WORK

CLOSED

OPEN

MAINTENANCE WORK

CLOSED

LABOR DAY WEEKEND 2009
TRAFFIC CONTROL / OTHER WORKS



**FREMONT/FOLSOM
OFF-RAMP**

I-80 WB

I-80 EB

I-80 EB

CLOSED

**MERGE TO
LANE NO. 3**

**HARRISON ST. OFF-RAMP
(INSTALL GUARD RAIL)**

CLOSED?

BRYANT ST.

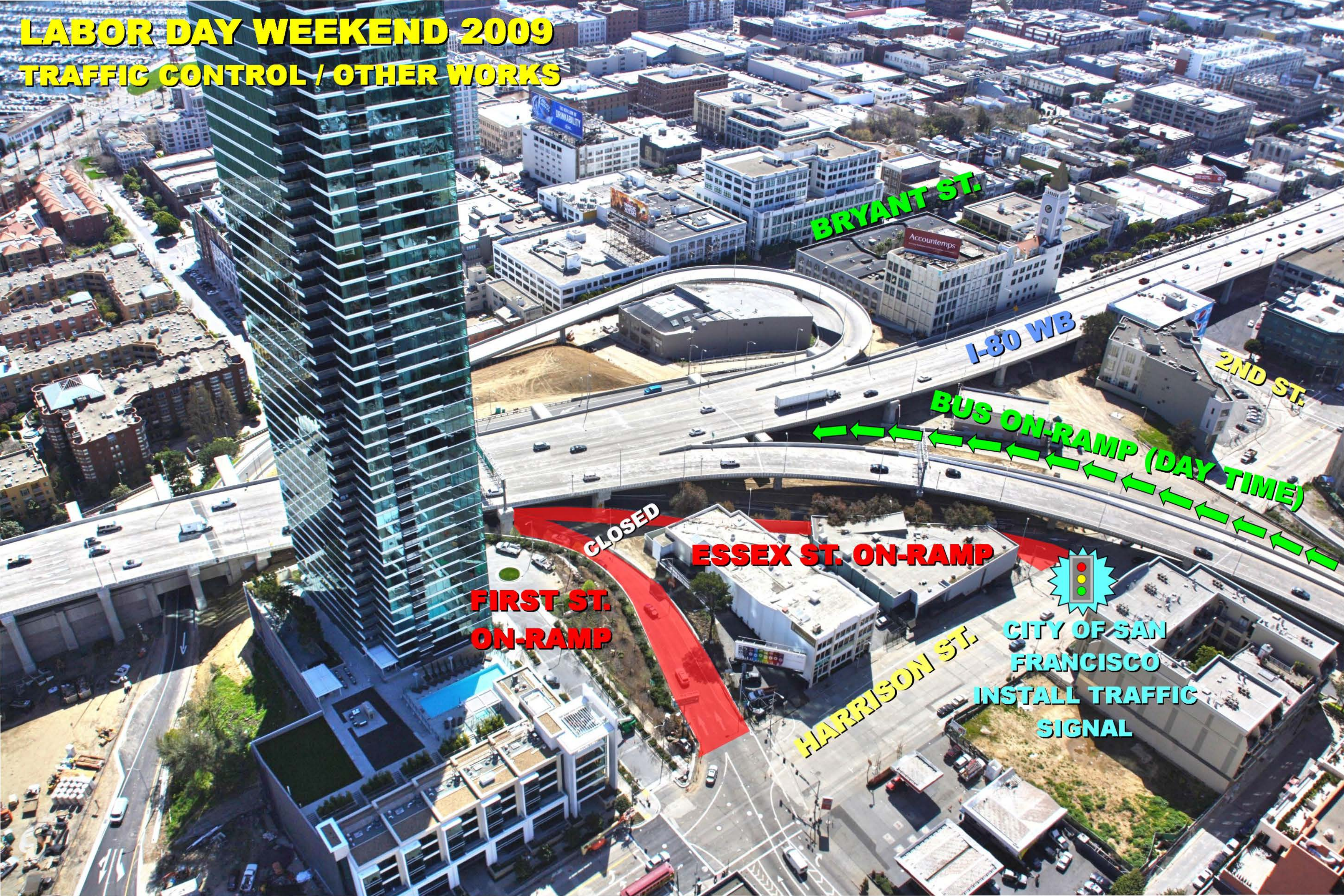
**CHECK POINT
(CT, CHP)**

**STERLING ST. ON-RAMP
(YBI, TI, CT)**

BRYANT ST.

2ND ST.

LABOR DAY WEEKEND 2009
TRAFFIC CONTROL / OTHER WORKS



BRYANT ST.

I-80 WB

2ND ST.

BUS ON-RAMP (DAY TIME)

CLOSED

ESSEX ST. ON-RAMP

FIRST ST. ON-RAMP

HARRISON ST.

**CITY OF SAN FRANCISCO
INSTALL TRAFFIC SIGNAL**

LABOR DAY WEEKEND 2009
TRAFFIC CONTROL / OTHER WORKS



4TH ST. OFF-RAMP

5TH ST. ON-RAMP

8TH ST. ON-RAMP

HARRISON ST.

8TH ST.

CLOSED

7TH ST.

7TH ST. OFF-RAMP

I-80 EB

BRYANT ST.

101

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2009

FR: Bart Ney, Public Information Officer, Caltrans

RE: Agenda No. - 2b
Item- Labor Day Weekend Bridge Closure
Presentation by Public Information Office

Recommendation:

For Information Only

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

Public Information Officer Bart Ney will provide an update on the communications plan for the Labor Day weekend closure of the Bay Bridge. The presentation will include an overview of access to Yerba Buena Island and the construction site, a schedule for the weekend's construction, and a summary of media and documentation activity.

Attachment(s):

Media & Visitor Access to Yerba Buena Island & Treasure Island, Labor Day Weekend, 2009



THE SAN FRANCISCO-OAKLAND BAY BRIDGE SEISMIC SAFETY PROJECTS

CALTRANS

BAY AREA TOLL AUTHORITY

CALIFORNIA TRANSPORTATION COMMISSION

MEDIA & VISITOR ACCESS to Treasure Island & Yerba Buena Island Labor Day Weekend, 2009

IMPORTANT INFORMATION

All media and visitors must first check in at either Treasure Island or Pier 7 for access to the construction site. Access Passes are required for Treasure Island and Yerba Buena Island over Labor Day Weekend. Press must have their media credentials to access the island.

FROM SAN FRANCISCO

Use the Sterling Street onramp (show access pass or press credentials). Park at Treasure Island PIO and check in. Take shuttle to the construction site and be met by staff.

FROM THE EAST BAY

Go to the Pier 7 PIO and check in. Ferry shuttle will carry you to Yerba Buena Island, where you will be met by staff.

ALL MEDIA AND VISITORS MUST BE ESCORTED BY PIO STAFF AT ALL TIMES WHILE ON SITE AND FOLLOW ALL SAFETY INSTRUCTIONS.

SHUTTLES WILL CARRY PASSENGERS BETWEEN POINTS WITHIN THE CONSTRUCTION SITE

HARD HATS AND SAFETY VESTS WILL BE AVAILABLE ON CHECK-IN.

SUITABLE ATTIRE, INCLUDING BOOTS AND LONG PANTS, MUST BE WORN.



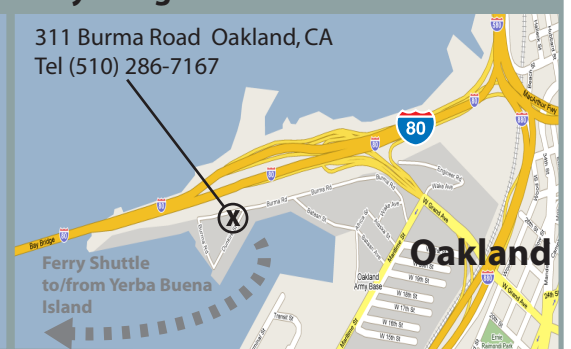
THINK SAFETY AT ALL TIMES!

Access to the Bay Bridge from San Francisco



Pier 7 Media & Visitor Check-In Bay Bridge Public Information Office

311 Burma Road Oakland, CA
Tel (510) 286-7167



Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2009

FR: Andrew Fremier, Deputy Executive Director, BATA

RE: Agenda No. - 3a
Consent Calendar
Item- TBPOC August 7, 2009 Meeting Minutes

Recommendation:
APPROVAL

Cost:
N/A

Schedule Impacts:
N/A

Discussion:
The Program Management Team has reviewed and requests TBPOC approval of the August 7, 2009 Meeting Minutes.

Attachment(s):
August 7, 2009 Meeting Minutes



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

MEETING MINUTES

August 7, 2009, 10:00 AM – 11:00 AM

Mission Bay Office, Conference Room 1906, 325 Burma Road, Oakland

Attendees: TBPOC Members: Steve Heminger, Randy Iwasaki, and Bimla Rhinehart

PMT Members: Tony Anziano, Jason Weinstein (for Andy Fremier), and Stephen Maller

Participants: Ade Akinsanya, Mike Forner, Michele DiFrancia, Beatriz Lacson, Peter Lee, Brian Maroney, Bart Ney, Bijan Sartipi, Pete Siegenthaler, Jon Tapping, Ken Terpstra, and Deanna Vilcheck

Convened: 10:05 AM

Items	Action
<p>1. TBPOC CHAIR</p> <ul style="list-style-type: none">• Vice Chair Steve Heminger called the meeting to order and welcomed Randy Iwasaki to his first TBPOC meeting as Director of the Department.• The Vice Chair indicated that with the resignation of Will Kempton, who was elected TBPOC Chairperson for the duration of his tenure as the Department Director, the TBPOC needs to elect a new chairperson, and opened the table for nominations.<ul style="list-style-type: none">○ Steve Heminger and Bimla Rhinehart were nominated Chair and Vice Chair, respectively, and elected accordingly.○ Steve Heminger noted that it is customary for the chair position to rotate every two years.	<ul style="list-style-type: none">• The TBPOC APPROVED Steve Heminger as Chair and Bimla Rhinehart as Vice Chair.
<p>2. CONSENT CALENDAR</p> <ul style="list-style-type: none">a. TBPOC July 15 , 2009 TBPOC Meeting Minutesb. Yerba Buena Island Detour Contract Change Order (CCO)	<ul style="list-style-type: none">• The TBPOC APPROVED all consent calendar items, as presented.

(continued)

Items	Action
<ul style="list-style-type: none">1) CCO 184, S1 – \$4,393,420 as compensation to the contractor for all outstanding additional costs incurred due to impacts to the steel fabrication (Stinger Welding, Inc) of the East Tie-In truss.c. Yerba Buena Island Transition Structures No. 1<ul style="list-style-type: none">1) Addendum No. 6 – approximately \$5,542,980 for eight separate items covering about five plan sheet revisions.	
<p>3. PROGRESS REPORTS</p> <ul style="list-style-type: none">a. TBSRP Draft Second Quarter 2009 Project Progress and Financial Update<ul style="list-style-type: none">• Jason Weinstein presented, for TBPOC approval, the TBSRP Draft Second Quarter 2009 Project Progress and Financial Update. The latest draft version 9.0, which includes the most current costs and comments, was distributed.	<ul style="list-style-type: none">• The TBPOC APPROVED the Second Quarter 2009 Project Progress and Financial Update with the following changes:<ul style="list-style-type: none">○ On page 6, for the YBI Detour Current Cost Forecast, revert to \$526M for consistency, and change the Cost Status to a yellow light.○ On page 45, use the current quarter's figure for Program Contingency.
<p>4. SAN FRANCISCO-OAKLAND BAY BRIDGE (SFOBB) UPDATES</p> <ul style="list-style-type: none">a. Bridge Light Poles<ul style="list-style-type: none">• Tony Anziano reported that the sample light poles - two break bent poles and two welded poles - were mounted in the field and have been inspected by the TBPOC.○ The break bent poles cost \$16 million, as compared to the \$36 million for the welded poles. The welded poles are more difficult to	

(continued)

Items	Action
<p>fabricate and entail more risk.</p> <ul style="list-style-type: none"> ○ The PMT recommended TBPOC approval of the break bent poles. <p>b. Self-Anchored Suspension Superstructure</p> <p>1) TBPOC China and Canada Visit Preparations</p> <ul style="list-style-type: none"> • Tony Anziano handed out the “Fabrication Status dated August 7, 2009”, “East End Shop Drawings” chart, and a “Need to Prepare” list, for information and discussion. ○ Fabrication is proceeding. The ABF best case scenario for the first shipment is mid-September 2009. ○ Investigations are ongoing on the welding cracks. ○ Drawing submittals are expected from Candraft early next week. ○ The “East End Shop Drawings” chart and the “Need to Prepare” list were developed for the Candraft visit in Vancouver and China meeting with Mr. Guan and require TBPOC input. <ul style="list-style-type: none"> ➤ Column 3 (ABF Submit R1) of the chart needs to be completed before the Vancouver trip. • The Chair indicated that he met with ABF on July 28 and discussed the schedule, quality control issues, and the bottleneck with shop drawings. He sent notes of that meeting to the other TBPOC members. ○ On the drawings issue, the finger pointing persists, and it is imperative that ABF and 	<ul style="list-style-type: none"> • The TBPOC APPROVED the break bent poles for fabrication and installation on the bridge. • Staff to add a column to the East End Shop Drawings chart showing the original goal. • Staff to obtain an estimate from ABF on how quickly they can turn the second draft around before the TBPOC trip to Vancouver, and have TYL/MN and ABF/Candraft approve the chart.

(continued)

Items	Action
<p>TYL/MN be brought together in the same room in order to put an end to it and reach a resolution.</p> <ul style="list-style-type: none">➤ Brian Maroney pointed out that TYL/MN is being asked to do more than just review the drawings - finding solutions before giving the drawings back to ABF to implement revisions.○ Because Candraft does not want to relocate to Pier 7, some TYL/MN personnel have had to relocate to Vancouver. Tony Anziano indicated that processing the drawings in Vancouver is more expedient than doing it through electronic transmissions, which takes more time.○ It was also noted that whereas TYL/MN has two teams, with each one working on segments 13 and 14, Candraft has only one team working on both.<ul style="list-style-type: none">➤ Pete Siegenthaler indicated that if a CCO (incentive) is in place, Candraft will respond accordingly.○ On the indemnification issue, it would appear that neither ABF nor TYL/MN is interested. The TBPOC appears to be the only interested party.○ Tony Anziano noted that liability is a concern for TYL/MN, and removing waiver from their contract is a possible issue.• Arrangements are underway for the TBPOC visit to Candraft in Canada and ZPMC in China, August 24 – 28, 2009.○ Meeting attendance, pre-meeting, dinner, and tour arrangements were discussed.	<ul style="list-style-type: none">• The PMT to develop an agenda for the Vancouver meeting, which should include the following items, and submit a draft to ABF/Candraft for concurrence and inclusion of their suggested agenda items, if any:<ol style="list-style-type: none">1. Co-location and increasing TYL/MN staff in Vancouver to expedite any final approval needed;2. Developing/implementing parallel working teams;3. Offer financial incentives, e.g., reward for TYL/MN workers, compensation for Candraft, plus a bonus when goals are met.4. Agreement on a mitigation strategy.• The PMT to work with staff on developing a CCO to speed up the shop drawing process.• The Department to further explore a resolution to the indemnification issue.

(continued)

Items	Action
<ul style="list-style-type: none">➤ The TBPOC agreed to have arrangements made for their own interpreter in China.○ The Chair indicated that he had forwarded his ideas to his co-members on the welding problem, testing issues, the green-tag procedure and punch list process.○ The China meeting agenda should address quality issues and the potential need for contract changes, and include a report on the results of the Vancouver meeting.➤ While emphasis is on both quality and schedule, we need to make sure that ZPMC does not place schedule first at the expense of quality.➤ It was suggested that a letter from the Governor be hand-delivered to Mr. Guan of ZPMC, stating the significance of the bridge project and conveying the message that correcting fabrication problems would be mutually beneficial.○ When the subject of talking points before and after the TBPOC China trip in anticipation of media questions was raised, the TBPOC agreed that Bart Ney should be the point person for the trip.• Brian Maroney/Mike Forner gave a brief update on the Labor Day weekend bridge closure for the East Tie-In Roll-Out/Roll-In.<ul style="list-style-type: none">○ Regular meetings with the contractor are being conducted.○ Everyone is fully committed to the task and working intensely.○ There is a high confidence level	<ul style="list-style-type: none">• The PMT to draft an agenda for the meeting in China and send to ABF and TYL/MN for their input.• The Department to arrange for a letter from the Governor to ZPMC, as discussed.

(continued)

Items		Action
that it will be a safe operation.		
5	OTHER BUSINESS N/A	

Adjourned: 11:55 AM

MEETING MINUTES

August 7, 2009, 10:00 AM – 11:00 AM

Mission Bay Office, Conference Room 1906, 325 Burma Road, Oakland

APPROVED BY:

STEVE HEMINGER, Executive Director
Bay Area Toll Authority

Date

RANDELL H. IWASAKI, Director
California Department of Transportation

Date

BIMLA G. RHINEHART, Executive Director
California Transportation Commission

Date

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2008

FR: Andrew Fremier, Deputy Executive Director, BATA

RE: Agenda No. - 3b

Item- Consent Calendar
2010 TBPOC Meeting Calendar

Recommendation:

APPROVAL

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

The PMT requests approval of the attached 2010 TBPOC Meeting Calendar.

Attachment(s):

2010 TBPOC Meeting Calendar (as of September 2, 2010)

2010 TBPOC Meeting Calendar
(as of September 2, 2009)

Jan-10				
MON	TUE	WED	THU	FRI
				HOLIDAY 1
PMT 4	5	6	TBPOC Bay 7	8
PMT 11	12	BATA OC 13	CTC 14	15
HOLIDAY 18	19	20	21	22
PMT 25	26	MTG 27	28	29

1 - New Years Day Observed
18 - M L King Jr's Birthday

Feb-10				
MON	TUE	WED	THU	FRI
PMT 1	2	3	TBPOC Bay 4	5
PMT 8	9	BATA OC 10	4 Final 11	4 Leg 12
HOLIDAY 15	PMT 16	17	18	19
PMT 22	23	MTG 24	CTC 25	26

15 - Washington's Birthday

Mar-10				
MON	TUE	WED	THU	FRI
PMT 1	2	BATA OC 3	TBPOC Sac 4	5
PMT 8	9	10	11	12
PMT 15	16	17	18	19
PMT 22	23	MTG 24	25	26
PMT 29	30	HOLIDAY 31		

31 - Cesar Chavez's Birthday

Apr-10				
MON	TUE	WED	THU	FRI
			TBPOC Bay 1	2
PMT 5	6	BATA OC 7	CTC 8	9
PMT 12	13	14	15	16
PMT 19	20	21	22	23
PMT 26	27	MTG 28	29	30

May-10				
MON	TUE	WED	THU	FRI
PMT 3	4	5	TBPOC Bay 6	7
PMT 10	11	12	13	14
PMT 17	18	CTC 19	CTC 20	21
PMT 24	25	MTG 26	27	28
HOLIDAY 31				

31 - Memorial Day

Jun-10				
MON	TUE	WED	THU	FRI
	1	2	TBPOC Sac 3	4
PMT 7	8	BATA OC 9	10	11
PMT 14	15	16	17	18
PMT 21	22	MTG 23	24	25
PMT 28	29	CTC 30		

Jul-10				
MON	TUE	WED	THU	FRI
			CTC 1	2
HOLIDAY 5	PMT 6	BATA OC 7	TBPOC Bay 8	9
PMT 12	13	14	15	16
PMT 19	20	21	22	23
PMT 26	27	MTG 28	29	30

5 - Day after Independence Day

Aug-10				
MON	TUE	WED	THU	FRI
PMT 2	3	4	TBPOC Bay 5	6
PMT 9	10	CTC 11	2 Final 12	2 Leg 13
PMT 16	17	18	19	20
PMT 23	24	25	26	27
PMT 30	31			

Sep-10				
MON	TUE	WED	THU	FRI
			TBPOC Sac 2	3
HOLIDAY 6	PMT 7	BATA OC 8	9	10
PMT 13	14	15	16	17
PMT 20	21	MTG 22	CTC 23	24
PMT 27	28	29	30	

6 - Labor Day

Oct-10				
MON	TUE	WED	THU	FRI
				1
PMT 4	5	6	TBPOC Bay 7	8
HOLIDAY 11	PMT 12	BATA OC 13	14	15
PMT 18	19	20	21	22
PMT 25	26	MTG 27	28	29

11 - Columbus Day

Nov-10				
MON	TUE	WED	THU	FRI
PMT 1	2	CTC 3	CTC 4	5
PMT 8	3 Final 9	3 Leg 10	TBPOC HOLIDAY	12
PMT 15	16	17	18	19
PMT 22	23	MTG 24	HOLIDAY 25	HOLIDAY 26
PMT 29	30			

11 - Veteran's Day
25, 26 - Thanksgiving Day and day after

Dec-10				
MON	TUE	WED	THU	FRI
		BATA OC 1	TBPOC Sac 2	3
PMT 6	7	8	9	10
PMT 13	14	MTG 15	16	17
PMT 20	21	22	23	HOLIDAY 24
PMT 27	28	29	30	31

24 - Day before Christmas Day

	Qtrly Rept Schedule
Final	TBPOC Final Comments
Leg	Issue to Legislature

PMT Meetings in Oakland, 1:00 PM - 2:30 PM
TBPOC Meetings in Sacramento, 1:00 PM - 4:00 PM
TBPOC Mtgs in Bay Area, 10AM - 1PM

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2009

FR: Dina Noel, Assistant Deputy Director, Toll Bridge Program, CTC

RE: Agenda No. - 3c1
Item- Consent Calendar
Yerba Buena Island Detour Contract Change Order 177

Recommendation:
APPROVAL

Cost:
CCO 177: \$12,540,000.00 (not to exceed)

Schedule Impacts:
None

Discussion:
Contract Change Order 177 (\$12,540,000) provides for the demolition of the Span YB4 steel truss after the span has been rolled out. The truss will be lowered onto falsework and be demolished near ground level in order to limit the risk of extended access restrictions to Bent W2 and the west end of the SAS contract.

Attachment(s):

1. Draft CCO 177
2. Draft CCO 177 Memorandum
3. YBI Detour CCO Implementation Strategy Document

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO 177	Suppl. No. 0	Contract No. 04 - 0120R4	Road SF-80-12.6/13.2	FED. AID LOC.: ACBRIM-080-1(097)N
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To: CC MYERS INC

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Eliminate the bridge removal of the existing Route 80 steel truss span YB4 (Bridge No. 33-0025), between Pier YB-4 and Pier E-1, and portions of Pier E-1 as originally contemplated and bid by the Contractor.

Estimate of Decrease in Contract Item at Contract Price:

Item No. 42: BRIDGE REMOVAL (PORTION) LOCATION B
-1 LS (-100.00%) 1,460,000.00 /LS = -\$1,460,000.00 (-100.00%)

In accordance with Section 4-1.03B(3), "Eliminated Items," of the Standard Specifications, the adjustment due to the elimination of Item No. 42 Bridge Removal (Portion), Location B, is zero.

Total Cost for Decrease in Contract Item.....(\$1,460,000.00)

Extra Work at Lump Sum:

Perform all work as specified within this change order pertaining to the demolition of the Span YB4 steel truss of the existing structure (Bridge No. 33-0025) after the span has been rolled out and replaced by the Temporary Bypass Structure (Bridge No. 34-0006 (TEMP)).

Compensation paid under this change order includes but is not limited to all costs associated with the following 6 items of work:

- 1) Performing the lowering of the Span YB4 truss including furnishing, installing, and removing all equipment and material necessary to perform the lowering of the truss in accordance with the plans submitted (Document No: 215-SUB.00378-00) by Mammoet USA Inc. including any subsequent revisions to this plan as required for approval by the Engineer. This work includes but is not limited to furnishing and installing the gantry system including all strand jacks; all lifting towers; all foundations; all lifting beams, strandjack beams, gantry beams and cross beams; all bracing; all mid-span frames and all appurtenances.
- 2) Performing the transport of Bent 1 and Bent 2 towers of both Skid Bent A and Skid Bent B of the East Tie-In (ETI) portion of the Temporary Bypass Structure (Bridge No. 34-0006 (TEMP)) including furnishing, installing, and removing all equipment and material necessary to remove the obstruction these bents present to the lowering of the Span YB4 truss as specified under Item No. 1 above. This work shall be performed in accordance with the plans submitted (Document No: 215-SUB.00432-00) by Mammoet USA Inc. including any subsequent revisions to this plan as required for approval by the Engineer.
- 3) Disconnecting Skid Beam Segment A1 and Segment B1 of the East Tie-In (ETI) portion of the Temporary Bypass Structure (Bridge No. 34-0006 (TEMP)) to allow for these segments to be lowered with the Span YB4 truss as specified under Item No. 1 above and then disconnecting the segments from the Span YB4 truss after it has been lowered.
- 4) Provide for the furnishing, installation and removing all falsework to support the Span YB4 truss after it has been lowered as specified under Item No. 1 above and in accordance with the plans submitted (Document No: 215-SUB.00399-02) by the Contractor including any subsequent revisions to this plan as required for approval by the Engineer.
- 5) Performing all bridge removal work associated with the demolition and disposal of the Span YB4 truss after it has been lowered onto falsework as specified under Item No. 1 above in accordance with the plans submitted (Document No: 215-SUB.00384-00) by the Contractor including any subsequent revisions to this plan as required for approval by the Engineer.

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO 177	Suppl. No. 0	Contract No. 04 - 0120R4	Road SF-80-12.6/13.2	FED. AID LOC.: ACBRIM-080-1(097)N
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6) Performing all earthwork, grading and backfilling of foundations necessary for the work of Item No. 1 through 5 above.

For this work, the Contractor shall be compensated a lump sum of (NOT TO EXCEED) \$14,000,000.00. Except for the items of work specifically excluded in this change order, this sum constitutes full and final compensation, including all markups, for all costs associated with the work of this change.

All costs associated with the following 3 items of work are excluded from this change order:

7) Performing all bridge removal work associated with the demolition and disposal of the skid bents and beams of the East Tie-In (ETI) portion of the Temporary Bypass Structure (Bridge No. 34-0006 (TEMP)) including for the demolition and disposal of Skid Beam Segment A1 and Segment B1 that are lowered with the Span YB4 truss.

8) Performing the demolition and disposal of all concrete foundations pertaining to the lowering of the Span YB4 truss (Item No. 1 above) and all concrete foundations pertaining to the falsework that supports the Span YB4 truss after it has been lowered (Item No. 4 above).

9) Performing any backfill of the ETI area beyond that specified under Item No. 6 above.

Any costs associated with these 3 items of work shall be paid under separate change orders.

Flagging costs associated with the work of this change shall be paid under Change Order No. 1 with these costs being paid at 50% by the Department. The remaining flagging costs are considered to be included in the lump sum compensation provided under this change order.

The compensation provided under this change order is based on traffic being placed on the Temporary Bypass Structure no later than 5:00 AM on September 8, 2009. Should this traffic placement be delayed beyond this time, the Contractor shall be eligible for any additional costs incurred due to this delay.

Total Cost of Extra Work at Lump Sum\$14,000,000.00 (Not to Exceed)

Estimated Cost: Increase ☒ Decrease ☐ \$12,540,000.00

By reason of this order the time of completion will be adjusted as follows: Deferred		
Submitted by		
Signature	Resident Engineer BILL CASEY	Date
Approval Recommended by		
Signature	SFOBB Construction Manager MIKE FORNER	Date
Engineer Approval by		
Signature	SFOBB Construction Manager MIKE FORNER	Date
We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.		
NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.		
Contractor Acceptance by		
Signature	(Print name and title)	Date

CONTRACT CHANGE ORDER MEMORANDUM

TO: MIKE FORNER / DEANNA VILCHECK			FILE: E.A. 04 - 0120R4	
FROM: BILL CASEY			CO-RTE-PM SF-80-12.6/13.2	
FED. NO. ACBRIM-080-1(097)N				
CCO#: 177	SUPPLEMENT#: 0	Category Code: CHPA	CONTINGENCY BALANCE (incl. this change) \$55,316,714.59	
COST: \$12,540,000.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Span YB4 Lowering & Demolition			PROJECT DESCRIPTION: CONSTRUCT ROUTE 80 TEMP BYPASS STRUCTURE	
Original Contract Time: 475 Day(s)	Time Adj. This Change: DEF Day(s)	Previously Approved CCO Time Adjustments: 1195 Day(s)	Percentage Time Adjusted: (including this change) 252 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 7

THIS CHANGE ORDER PROVIDES FOR:

The demolition and disposal of the Span YB4 steel truss.

This project, the Yerba Buena Island Detour (YBID), calls for the construction of a temporary detour for both eastbound and westbound I-80 traffic that will allow for the tie in of the new east span of the San Francisco Oakland Bay Bridge to Yerba Buena Island. The YBID encompasses three main structures, the East Tie-In to the existing bridge, the West Tie-In (WTI) to Yerba Buena Island, and the Viaduct structure between the two tie ins.

The original contract was awarded as a performance based contract with the Contractor responsible for the design of the structures based upon meeting specified design criteria. The Department issued a December 14, 2006 memo entitled Strategy for South-South Detour Contract Completion which was approved by Tony Anziano (Toll Bridge Program Manager), Richard Land (Chief Engineer) and subsequently by the TBPOC. This memo recommended that the design of the ETI structure be assumed by the Department as opposed to the as-bid performance based contractor design.

The new design of the ETI structure provides for a roll-out / roll-in concept with a new double deck steel truss span being erected adjacent to the existing span and then rolled into place after the existing span is rolled out. This change order provides for the demolition and disposal of the existing steel truss span (Span YB4) that is rolled out.

Span YB4 is a double deck steel truss roughly 80 meters long and 25 meters wide. It sits approximately 50 meters in the air and is comprised of approximately 1,400 metric tons of steel and 950 cubic meters of concrete. The condition of the truss after it has been lifted and rolled out along with the potential delays associated with demolishing this compromised structure in the air has prompted the method of lowering the span prior to demolition that is being enacted under this change order. Headquarters Construction has performed a risk management analysis of this work and concurs with this change.

The work encompassed under this change includes constructing a temporary gantry system that will support and lower the rolled out span to the ground, relocating two 150 foot high skid bent towers that are located under the roll out span so that they do not obstruct the lowering of the span, constructing falsework for the lowered span to sit on and performing the actual demolition and disposal of the steel truss.

The change order also deletes the original contract item pertaining to the removal of the YB4 span. The scope of work bid by the Contractor for this item entailed only a partial removal of the span as the majority of the span was to be incorporated into the new detour structure. This method was originally accepted by the Department prior to the award of the contract but was abandoned after the December 14, 2006 strategy memo (referenced above) called for the roll out / roll in concept to be implemented.

The deletion of the contract bid item to remove Span YB4 shall result in a \$1,460,000.00 credit to the Department. Compensation for the revised method of lowering and demolition of the span shall be paid as extra work at an agreed lump sum price of (NOT TO EXCEED) \$14,000,000.00. The net change order cost of (NOT TO EXCEED) \$12,540,000 shall be financed from the contract's contingency funds. A cost analysis is on file.

Adjustment of contract time is deferred pending completion of the work specified in this change as it may become the controlling operation in accordance with Section 8-1.07 "Liquidated Damages", of the Standard Specifications and Section 10-1.20 "Time Related Overhead (TRO)" of the Special Provisions.

Compensation for delays resulting from this work will be made in accordance with Section 8-1.09 "Right of Way Delays" of the Standard Specifications and Section 10-1.20 "Time Related Overhead" of the Special Provisions.

This change was concurred by Alec Melkonians - Asst. Project Manager, Hong Wong - Project Engineer, and Patrick Treacy - HQ Asst. Construction Coordinator. TBPOC Approval pending.

Maintenance concurrence is not required as the work will not affect and permanent roadway items.

FHWA authorization is no longer required as federal authorization and funding for this project has been officially withdrawn.

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	Bill Casey, Resident Engineer	Date		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:		Date	ITEMS	(\$1,460,000.00)	(\$1,460,000.00)
Project Engineer:	Hong Wong, PE	Date	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Alec Melkonians	Date	AGREED PRICE	\$14,000,000.00	\$14,000,000.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$12,540,000.00	\$12,540,000.00
Other (specify):	Patrick Treacy, HQ Asst.Const.Co	Date	FEDERAL PARTICIPATION		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE		
District Prior Approval By:		Date	<input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
HQ (Issue Approve) By:	Bob Molera, HQ CCO Engineer	Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
Resident Engineer's Signature:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
			FEDERAL FUNDING SOURCE PERCENT		

Yerba Buena Island Detour, Contract No. 04-0120R4
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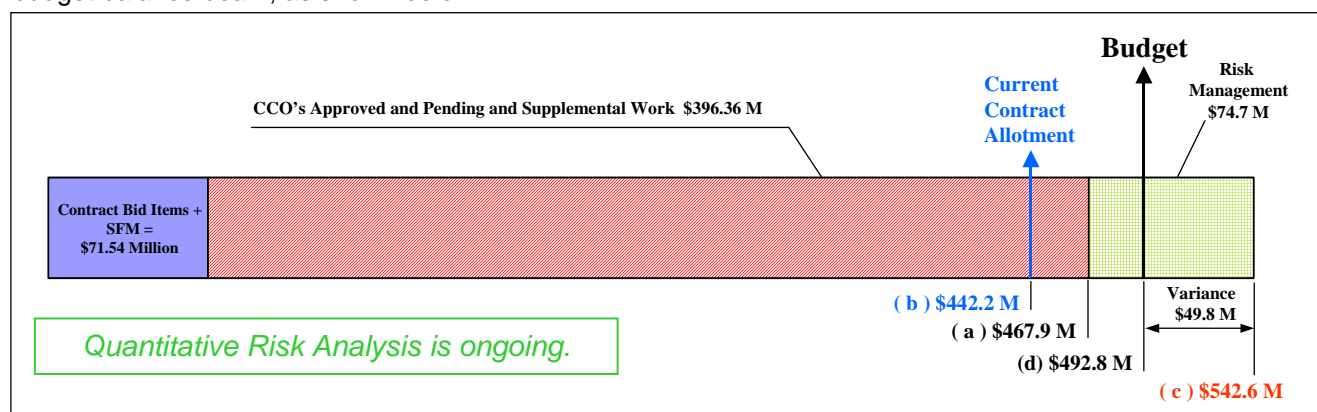
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Yerba Buena Island Detour (Contract 04-0120R4)			
Contract Award:	March 10 th , 2004	Suspension Days:	302 Working Days
Original Working Days:	475 Working Days	Contract Extensions:	1660 Working Days
Original Contract Completion:	July 27th, 2005	Projected Contract Completion:	December 10, 2010

Introduction

Two memos were developed to outline a strategy for a revised YBID project that enhanced YBID viaduct design, developed tie-in design (east and west) in-house, improved the retrofit of the YBI viaduct (replacing the top deck of the viaduct rather than retrofitting in place) and advanced and incorporated select YBITS foundation work. The two memos are "San Francisco-Oakland Bay Bridge Corridor Schedule Mitigation – Strategy for South-South Detour Contract Completion" issued December 14, 2006, and "Recommendation to Construct Select Yerba Buena Island Transition Structure Foundations by Contract Change Order" issued on December 25, 2006. This strategy will result in substantial increases in the cost of the YBID project.

As approved at the June 2009 TBPOC meeting the revised budget for the YBID project is 492.8M. This figure was established in May 2009 using all available information to date. This figure is within the projects approved budget balance beam, as shown below:



Scope of Work for YBID

The revisions to the original scope of work currently associated with the Yerba Buena Island Detour Project have been assigned into the following categories with their associated estimated cost:

Category	Scope of Work	Current Budget (June 2009)	In Progress Status Update from June 09 Approved Budget	
			Current	Delta
(0)	Original Bid Items, Baseline CCOs (1 through 48), and State Furnished Materials	\$83.7	\$83.7	\$0
(1)	YBID New Viaduct	\$40.1	\$40.4	\$0.3
(2a)	West Tie-In Existing Viaduct Phase 1	\$40.1	\$40.1	\$0.0
(2b)	West Tie-In Phase 2	\$21.8	\$18.0	(\$3.8)
(3)	East Tie-In	\$140.0	\$143.3	\$3.3
(4)	YBI Transition Structures Advance Foundations	\$104.3	\$103.2	(\$1.1)
(5)	Administrative Issues and General CCOs	\$37.8	\$37.3	(\$0.5)
Subtotal		\$467.8	\$466.0	(\$1.8)
Contingency		\$25.0	\$26.8	
Approved Budget		\$492.8		

Contract payments as of August 15, 2009: \$378.4M

As shown, the current status of CCOs required to modify the original scope of the YBID work as defined in Categories 1 through 5 is \$382.3M. The status of each category of work is discussed in the succeeding pages of this report.

Yerba Buena Island Detour, Contract No. 04-0120R4
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Bid Items, Baseline CCOs, & State Furnished Material

0

The break down of Category (0) is as follows:

Original Contract Amount	\$ 71.2 million
Baseline CCOs (1 through 48)	\$ 12.1 million
State Furnished Materials	\$ 0.4 million
Total	\$ 83.7 million
Baseline Contract Change Orders (1 through 48)	

CCO #	Description	Executed Date	Cost
1	Flagging and Traffic Control	5/13/2004	\$100,000.00
1S1	Additional Funds for Flagging and Traffic Control	2/9/2007	\$200,000.00
2	Bidder Compensation	5/8/2004	\$1,575,000.00
3	Partnering	9/7/2004	\$25,000.00
4	DRB	9/7/2004	\$100,000.00
5	Federal Trainee Program	11/12/2004	\$20,000.00
5S1	Non-Journey Person Training	3/10/2005	\$50,000.00
6	Removal of DBE/SBE Monitoring	2/10/2005	\$0.00
7	Sampling and Analysis Work	8/30/2004	\$30,000.00
8	SWPPP Maintenance Sharing	8/30/2004	\$75,000.00
9	Additional Photo Survey/Public Relations	9/14/2004	\$50,000.00
10	Temporary Shuttle Van Service	7/16/2004	\$650,000.00
10S1	Additional Funds for Temporary Shuttle Van Service	6/23/2005	\$100,000.00
10S2	Additional Funds for Temporary Shuttle Van Service	1/12/2007	\$500,000.00
11	Utility Potholing	9/14/2004	\$100,000.00
12	Just-In-Time Training (RSC Pavement)	2/10/2005	\$5,000.00
13	PMIV Document Management System	11/3/2004	\$486,743.50
14	Temporary Suspension	5/19/2004	\$0.00
15	Archaeology Investigation	7/19/2004	\$30,000.00
15S1	Additional Funds for Archaeology Investigation	4/22/2005	\$15,000.00
16	Roadway Profile at WTI	Voided	N/A
17	Modify Drainage at G4 Entry Vault	10/24/2006	\$108,217.45
18	Access Control Measures	9/8/2004	\$50,000.00
19	EDR1 Alignment Modification	5/12/2005	\$0.00
20	A490 Bolts	10/23/2006	\$0.00
21	Removal /Disposal of Stairway	4/13/2005	\$14,060.00
22	Clean Stairs and Walkways	5/24/2005	\$35,000.00
22S1	Additional Funds for Cleaning Stairs and Walkways	11/24/08	\$25,000.00
23	Shared Field Data System (ShareArchive)	Voided	N/A
24	East and West Tie-In Temporary Suspension	2/1/2005	\$2,181,467.40

CCO #	Description	Executed Date	Cost
24S1	Read Inclinometer/Adjust Equipment Costs	10/18/2005	\$29,782.99
24S2	Temporary Suspension Partially Extended	5/2/2006	\$4,812,631.58
24S3	Contract Days Extension/TRO Compensation	Voided	N/A
25	Bent 48, 49R, 52R Outside Boundary	3/24/2005	(\$19,000.00)
26	Bent 48 Articulation	4/22/2005	\$0.00
27	Bent 52L Footing Conflict	1/19/2006	\$94,386.51
28	Hydroseed Around W2 Columns	3/24/2005	\$20,000.00
29	Replacement of Surveillance Camera	3/24/2005	\$3,542.00
30	Additional Elastic Response Analysis	5/31/2005	\$10,700.00
31	Soil Analysis Outside Plan Limits	6/27/2005	\$20,000.00
32	SFPUC Permit Specification Change	5/17/2005	\$0.00
33	Design Enhancements	Voided	N/A
34	Pole Structure Welding Specification Revision	9/30/2005	\$0.00
35	Revision of East Tie-In Design Criteria	Voided	N/A
36*	Extend Limits of Viaduct Demolition	Voided	N/A
37	4 Hr Emergency Travel Way	Voided	N/A
37S1	Emergency Travel Way Falsework	Voided	N/A
38	Revision of West Tie-In Design Criteria	8/4/2005	\$0.00
39	Provide Shuttle Service to USCG	6/27/2005	\$10,000.00
40	Sewer Pipe Material Change	9/26/2005	\$1,561.95
41	Bent 49L Utility Relocation	Voided	N/A
42	Bent 48R Pile Load Test	9/12/2005	\$20,000.00
42S1	Bent 52R Pile Load Test	12/15/2005	\$5,000.00
43	Material On Hand Specification Change	9/16/2005	\$75,953.88
43S1	Addition of YBITS Advance to Material On Hand	Voided	N/A
44	Electrical Call Box Relocation		\$47,480
45	Additional SWPPP	2/21/2006	\$250,000.00
46	Southgate Road Reopening	3/8/2006	\$50,000.00
47	Hazardous/Non-Hazardous Soil Removal	12/15/2005	\$100,000.00
48	Buried Man-Made Objects	12/15/2005	\$50,000.00

Total for Baseline Contract Change Orders

\$12,107,527

- The scope of work for CCO No. 36 was completed and compensated for under the larger scope of CCO No. 76.

Yerba Buena Island Detour, Contract No. 04-0120R4
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SSD New Viaduct

1

Progress of Work

Construction of foundations, columns, and bent caps is complete. Fabrication of the structural steel truss, performed by Dongkuk S&C in South Korea, is complete with all steel having arrived in the U.S. All Viaduct steel has been erected into place. All decks are complete. The AC deck overlay is complete. Barrier rail construction is complete. Installation of water line is in progress.

Status of Contract Change Orders: YBID New Viaduct:

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 Approved Budget
49	LS	Stringer and Floor Beam Design Study	N/A	N/A	Executed 5/2/2006	\$109,183	
49S1	FA	Truss Design Modifications (Changes to Stringer and Floor Beam Connections)	I&A 12/08/06	N/A	Executed 8/17/2006	\$150,000	
49S2	FA		I&A 12/08/06	N/A	Executed 12/18/2006	\$100,000	
Subtotal (CCO #49 and Supplements)						\$359,182	
50	FA	Stand Alone Viaduct Design	N/A	N/A	Executed 5/8/2006	\$325,000	
50S1	FA		I&A 9/21/06	N/A	Executed 10/16/2006	\$300,000	
50S2	FA		I&A 12/08/06	N/A	Executed 12/18/2006	\$100,000	
50S3	FA		I&A 2/09/07	N/A	Executed 2/13/07	\$175,000	
Subtotal (CCO #50 and Supplements)						\$900,000	
54	LS	Deck Drainage	N/A	N/A	Executed 5/2/07	\$8,000	
55	LS	Viaduct Fabricator Change (SGT Closeout)	I&A 7/08/07	Approved 6/27/07	Executed 8/7/07	\$5,665,330	
55S1	LS	SGT Fabrication Closeout - Dongkuk Materials	I&A 1/24/08	Approved 3/5/08	Executed 3/17/08	\$980,600	
59	LS	Water Blast Rebar Cages	N/A	N/A	Executed 2/22/07	\$5,000	
59S1	LS	Additional funds, Water Blast Rebar Cages	N/A	N/A	Executed 11/24/08	\$5,000	
60	LS	Construction of Bent Caps	I&A 6/13/07	Approved 6/27/07	Executed 6/18/07	\$7,435,950	
67	FA	Viaduct/ETI Interface Modifications (Design Cost)	I&A 5/14/07	N/A	Executed 9/27/07	\$800,000	
79	LS	Fabrication Cost for Viaduct Design Changes July '05 - October '06	I&A 7/19/07	N/A	Executed 8/7/07	\$803,400	
79S1	LS	Fabrication Cost for Viaduct Design Changes - July 05-Oct 06	I&A 6/13/08	N/A	Executed 8/4/08	\$75,860	
80	LS	Erection Costs for Viaduct Design Changes through October 2006	N/A	Approved 1/31/08	Executed 2/20/08	\$6,912,200	
82	FA	OGAC Paving and Expansion Dams		N/A	In progress	\$327,680	\$181,386
213	LS	Bent 48 Expansion Joint & Drainage Escalation	I&A 7/23/09	N/A	Executed 8/06/09	\$488,100	
85	LS	Design of 300mm Waterline Relocation	N/A	N/A	Executed 3/17/08	\$12,480	
87	LS	Viaduct Shipping Escalation Costs	I&A 7/24/07	N/A	Executed 10/2/07	\$534,570	
87S1	LS	Viaduct Shipping Escalation Costs	I&A 1/14/08	N/A	Executed 1/30/08	\$200,000	
88	LS	Viaduct Fabrication Delays	I&A 7/19/07	N/A	Executed 8/7/07	\$954,460	
88S1	LS	Viaduct Fabrication Delays	I&A 8/22/07	N/A	Executed 9/27/07	\$776,630	
98	FA/LS	Viaduct Steel Storage and Handling Cost	I&A 5/30/08	N/A	Executed	\$845,370	

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					6/18/08		
99	LS	Viaduct Erection Costs (Post Oct. 2006)	I&A 4/17/08	N/A	Executed 5/22/08	\$862,614	
99S1	LS	Additional Viaduct Erection Costs		N/A	In progress	\$125,000	
100	FA	Viaduct Fabrication Costs (Post Oct. 2006)	I&A 1/22/08	N/A	Executed 1/28/08	\$650,000	
105	FA/LS	Dongkuk Fabrication and Temp Bracing Fabrication Costs (July 2007 Plans)	I&A 4/2/08	Approved 4/3/08	Executed 4/17/08	\$2,140,640	
106	-	CCO Voided...previous scope of work was incorporated into CCO 105	-	-	-	-	-
107	LS	Furnish and Drive Erection Tower Falsework Piles	I&A 8/07/08	N/A	Executed 10/02/08	\$855,190	
111	FA/LS	USCG Parking Replacement and Protection	N/A	N/A	Executed 3/17/08	\$163,223	
111S1	LS	Additional costs USCG Parking Lot	N/A	N/A	Executed 6/30/08	\$8,940	
115	FA	Third VIA Shipping for CCO #67 July 07 plans	I&A 5/06/08	N/A	Executed 5/22/08	\$850,000	
128		60% of Waterline Relocation and Viaduct Connection Modifications		N/A	In progress	\$863,590	
133	-	Lightweight Conc. Mix Design Spec Change	N/A	N/A	Executed 9/12/08	\$0	
134	LS	60% of Project Wide Electrical Changes		TBD	In Progress	\$1,380,554	
196	LS	Revised Electrical Lighting	N/A	N/A	Executed 7/28/09	\$35,944	(\$174,056)
135	LS	Rebar Deck Escalation Costs	I&A 11/09/08	N/A	Executed 1/28/09	\$995,100	
136	FA/LS	Provide additional alternate entrance access to USCG Base	N/A	N/A	Executed 9/23/08	\$74,540	
138	LS	Waterline Relocation for Fire Hydrant (Conflicts with Span 49 Falsework)	N/A	N/A	Executed 9/23/08	\$278,200	
148	FA	USCG Road Canopy below Viaduct	I&A 8/27/08	N/A	Executed 9/23/08	\$500,000	
152	LS	Relocate USCG Road for steel erection FW Towers at Span 51	I&A 1/06/09	N/A	Executed 2/4/09	\$336,420	
156	LS	Span 49 F/W Conflict w/ USCG Utilities	N/A	N/A	Executed 9/23/08	\$180,820	
163	LS	Viaduct Grade Conflict	N/A	N/A	Executed 6/12/09	\$83,202	(\$16,798)
173		Deck Casting and Expansion Joint Escalation		TBD	In Progress	\$1,000,000	
178		Type 7 Fence at Barrier		N/A	In Progress	\$457,356	\$374,176
198		Job Wide Stripping Plan (Viaduct Portion)		TBD	In Progress	\$90,000	
199		Install Overhead Sign		TBD	In Progress	\$100,000	
201		Viaduct Steel Erection USCG Protective Netting		N/A	In Progress	\$156,350	(\$73,650)
209	LS	Viaduct USCG Flagging & Delays (Span 51)	N/A	N/A	Executed 8/13/09	\$92,810	(\$47,190)
Current Forecast for YBID New Viaduct						\$40,370,306	\$243,868

Budget Status

The Viaduct portion of the YBID was bid at \$26.74M. The projected additional costs in the December 14, 2006 Strategy Memorandum were estimated to be \$9M. The June 2009 revised additional cost estimate is \$40.1M with a current projection of \$40.4M. CCOs executed to date are \$35.9M.

West Tie-In

Phase 1

2a

Yerba Buena Island Detour, Contract No. 04-0120R4
Contract Change Order Implementation Strategy
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Progress of Work

Phase 1 work was substantially complete with the move in of the Structure on September 03, 2007. Miscellaneous electrical and drainage work remain. WB On-ramp was reopened on August 8, 2008.

Status of Contract Change Orders: West Tie-In Existing Viaduct (Phase 1)

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 approved Budget
58	FA	Bridge Removal Plan	N/A	N/A	Executed 11/21/06	\$60,000	
58 S1	FA	Bridge Removal Plan	N/A	N/A	Executed 7/05/07	\$40,000	
61	FA	Advance Engineering (Work Plans and Submittals), Site Prep (Ramp Closures, Access Road), Civil Work (Grading), Structure Work (Material Procurement)	I&A 1/09/07	N/A	Executed 2/27/07	\$400,000	
61S1	LS/FA	Construction of Stage 1 Area and Substructure	I&A 5/16/07	Approved 6/27/07	Executed 5/18/07	\$9,995,644	
66	FA	TMP – Video Equipment (WTI Phase 1)	N/A	N/A	Executed 7/20/07	\$175,000	
68	FA	Temporary Electrical Work	N/A	N/A	Executed 7/20/07	\$140,000	
68S1	FA	Temporary Electrical Work Stage 2, 3 & 4	I&A 12/02/07	N/A	Executed 10/31/07	\$510,000	
72	LS	Structure Work (Superstructure), and Temporary Shuttle Service	I&A 7/19/07	Approved 7/27/07	Executed 7/20/07	\$11,096,900	
76	LS	Labor Day Bridge Demolition and Move-In	I&A 7/19/07	Approved 7/27/07	Executed 7/20/07	\$2,240,300	
76S1	LS	Labor Day Bridge Move-In (Changeable Message Signs, Temporary Signs, Traffic Control, Bridge Removal, Bridge Move-In, Paving and Roadway Repairs, CCM Support Costs, City Traffic Officers)	I&A 8/28/07	Approved 8/24/07	Executed 9/27/07	\$10,144,140	
84	LS	Skid Track Foundations and Temporary Columns	I&A 7/27/07	Approved 7/27/07	Executed 7/31/07	\$3,980,000	
101	LS	Reconstruct Slab, West Bound On-ramp	I&A 4/02/08	N/A	Executed 4/17/08	\$846,140	
101S1	LS	WB Onramp Supplemental Work	I&A 1/06/09	N/A	Executed 2/4/09	\$149,560	
102	FA	North side Drainage Work	N/A	N/A	Executed 4/4/08	\$60,000	
102S1	LS	Northside Drainage Work	N/A	N/A	Executed 7/15/09	\$48,818	\$46,578
102S2	FA	Additional Northside Drainage Work	N/A	N/A	Executed 7/15/09	\$50,000	
103	LS	Labor Day Weekend Closure Misc. Costs	N/A	N/A	Executed 2/20/08	\$173,140	
Current Status for West Tie-In (Phase 1)						\$40,109,642	\$46,578

Budget Status

The projected additional costs in the December 14, 2006 Strategy Memorandum were estimated to be \$40M. The June 2009 revised additional cost estimate is \$40.1M with a current projection of \$40.1M. CCOs executed to date are \$40.1M.

West Tie-In

Phase 2

2b

Progress of Work

Construction/Design coordination meetings with the Contractor are ongoing as needed. Foundation work and columns are complete. Superstructure for Frames 1 and 2 have been cast. Load transfer at Frame 1 is complete with monitoring in progress. Frame 3 superstructure is completed. Removal of YBI columns at Bents 40, 41A, 41B, and 42 is complete. Installation of south side drainage system is in progress.

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Status of Contract Change Orders: West Tie-In (Phase 2)

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 Approved Budget
62	LS	Construction of Phase 2 Foundations and Credits for Elimination of Bid Items 12 and 90	I&A 2/29/08	Approved 4/4/08	Executed 4/7/08	(\$4,649,850)	
200		Shoring at Abutment 47A		TBD	In Progress	\$300,000	
71	LS	WTI Phase 2 Pile at Bent 46L/Slab Bridge Removal	I&A 7/24/07	N/A	Executed 7/20/07	\$384,130	
108	LS	Substructure	I&A 6/20/08	Approved 6/18/08	Executed 6/25/08	\$5,378,800	
117	FA	Surface Drainage (Southside)	N/A	N/A	Executed 1/6/09	\$150,000	
128		20% of Waterline Relocation and Stringer Stiffeners		N/A	In progress	\$154,530	
134	LS	20% of Project Wide Electrical Changes		TBD	In Progress	\$460,185	
196	LS	Revised Electrical Lighting	N/A	N/A	Executed 7/28/09	\$11,981	(\$58,019)
141	LS/FA	Superstructure Construction	I&A 11/13/08	Approved 11/18/08	Executed 11/25/08	\$13,200,000	
141S1	ACUP	Superstructure Construction Completion Incentive (Release of Frame 1 Bent Cap FW)	I&A 5/15/09	Approved 5/15/09	Executed 5/15/09	\$1,500,000	
143	LS/ID	Civil Work (EB Onramp and Mainline)	I&A 6/11/09	N/A	Executed 7/28/09	\$156,436	(\$3,680,814)
161	LS	T7-Line Detour	I&A 11/10/08	N/A	Executed 11/25/08	\$403,965	
168		Superstructure Design Modifications		TBD	In Progress	\$500,000	
198		Job Wide Stripping Plan (WTI Phase 2 Portion)		TBD	In Progress	\$70,105	
Current Status for West Tie-In (Phase 2)						\$18,020,282	(\$3,738,833)

Budget Status

The Contractor's bid price for the West Tie-In was \$9.0M. Based on the Department's December 14, 2006 Strategy Memorandum, the costs associated with the Phase 2 West Tie-In work were estimated to be an additional \$13.0M. The June 2009 revised additional cost estimate is \$21.8M, with a current projection of \$18.0M. CCOs executed to date are \$16.5M.

East Tie-In

3

Progress of Work

Bent 52A and skid bent foundation design packages were delivered October 2007. ETI design plans for the skid bents and skid beams were delivered March 15, 2008 and truss plans were delivered April 7, 2008. Construction/Design Coordination meetings with the Contractor are ongoing.

Fabrication of the skid bent and skid beams took place at Thompson Metal Fab, Inc. in Vancouver, WA and the fabrication of the truss took place at Stinger Welding Inc. in Coolidge, AZ. All steel has arrived at the job site.

The existing SFPUC sanitary sewer pump station has been relocated with the new pump station up and running. Construction of the skid bent foundations is complete. Erection of the Skid Bent towers and beams is completed. Erection of the truss is complete. The deck is complete. Installation of water line is in progress.

Status of Contract Change Orders: East Tie-In

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 Approved Budget
63	FA	Advance Engineering (Work Plans and Submittals)	I&A 8/22/07	N/A	Executed 9/27/07	\$800,000	
69	LS	Procurement of Pump/Control Panel for Pump Station Relocation	N/A	N/A	Executed 10/10/07	\$111,280	
69S1	LS	Construction for Pump and Control Panel for Relocated Pump Station	I&A 12/19/07	N/A	Executed 3/17/08	\$499,996	
69S2	LS	Sewer Pump Electrical Changes	I&A 2/25/09	N/A	Executed 4/08/09	\$8,953	

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92	FA	ETI AT&T Fiber Optic Relocation	N/A	N/A	Executed 12/17/07	\$175,000	
93	LS/FA	Lead Paint Mitigation Existing Truss (Span YB-4)	I&A 2/13/08	N/A	Executed 2/20/08	\$563,725	(\$3)
93S1	LS	Additional Lead Abatement at Span YB-4	I&A 6/8/09	N/A	Executed 6/17/09	\$347,417	
104	LS	Pier E-1 Access Towers	N/A	N/A	Executed 1/30/08	\$150,000	
113	LS	Relocate Waterline in Conflict with Northern Skid Bent Footings	N/A	N/A	Executed 3/17/08	\$167,990	
128		20% of Waterline Relocation and ETI Exterior Stringer Stiffeners		TBD	In progress	\$354,530	
137	LS	Pump station Water Tank Demo	N/A	N/A	Executed 6/26/08	\$114,490	
90	LS	Bent 52A and Skid Bent Footings and Credits for Eliminated Bid Items 10 and 42	I&A 3/26/08	Approved 4/4/08	Executed 4/14/08	\$11,308,380	
97	FA	Bent 52A and Skid Bent Footing's Material Procurement	I&A 11/06/07	N/A	Executed 11/19/07	\$850,000	
121	LS	Construct Stage 1 Soil Nail Wall, Upper East Tie-In area	N/A	N/A	Executed 3/17/08	\$142,670	
121S1	LS	Construct Stage 2 Soil Nail Wall, Upper East Tie-In area	N/A	N/A	Executed 3/18/09	\$518,130	
162	LS	Bent A3 Shoring	I&A 3/30/09	N/A	Executed 4/01/09	\$268,235	
180	LS	Skid Bent Footing Backfill at A4-A6 and B4-B6	I&A 5/20/09	N/A	Executed 6/12/09	\$237,000	
127	FA	RTU – 8 Service Platform	N/A	N/A	Executed 9/03/08	\$75,000	
134	LS	20% of Project Wide Electrical Changes		N/A	In Progress	\$460,185	
196	LS	Revised Electrical Lighting	N/A	N/A	Executed 7/28/09	\$11,981	(\$58,019)
129	LS	Skid Bent and Truss Steel Erection	I&A 11/05/08	Approved 11/10/08	Executed 11/25/08	\$14,712,500	
129S1	LS	Skid Bent and Truss Steel Erection Acceleration	I&A 3/09/09	Approved 3/5/09	Executed 4/01/09	\$535,000	
129S2	LS	Skid Bent and Truss Steel Erection Incentive	I&A 6/9/09	Approved 6/4/09	Executed 6/17/09	\$1,177,000	
179	LS	ETI Truss Steel Erection Falsework Foundations	I&A 4/20/09	N/A	Executed 4/08/09	\$312,000	
181		Skid Bent/Beam and Truss Erection Support		N/A	In Progress	\$500,000	
112	FA	Material Procure Skidbent (1532 Tower Legs)	I&A 1/10/08	Approved 2/4/08	Executed 2/19/08	\$2,000,000	\$1,349,560
112S1	FA	Material Procure ETI Superstructure	I&A 3/03/08	Approved 3/5/08	Executed 3/17/08	\$8,500,000	
112S2	FA	Material Procure ETI Temporary Bypass Structure	I&A 6/04/08	Approved 6/16/08	Executed 6/25/08	\$3,500,000	
112S3	FA	Material Procure - Additional Funds	I&A 10/31/08	Approved 11/13/08	Executed 11/25/08	\$3,000,000	
112S4	FA	Material Procure - Additional Funds	I&A 7/7/09	Approved 7/15/09	Executed 7/16/09	\$1,500,000	
116	FA/LS	Fabricate Superstructure & Skidbent	I&A 6/04/08	Approved 6/16/08	Executed 8/8/08	\$14,166,180	
116S1	FA/LS	Skidbeam Design Modifications and Shipping Costs	I&A 12/19/08	Approved 12/23/08	Executed 2/3/09	\$1,896,750	
116S2	FA/LS	Skidbeam Design Modifications and Shipping Costs	I&A 7/7/09	Approved 7/15/09	Executed 7/16/09	\$300,000	
140	LS	Truss Steel Fabrication	I&A 9/04/08	Approved 9/04/08	Executed 9/23/08	\$10,920,525	
140S1	ACUP	Truss Fabrication Incentive	I&A 6/17/09	Approved 9/04/08	Executed 7/6/09	\$300,000	
166	LS	Skid Bent & Beam Fabrication Acceleration	I&A 12/22/08	Verbal Approval 11/06/08 Approved 12/23/08	Executed 1/28/09	\$2,028,950	
166S1	ACUP	Skid Bent & Beam Fabrication Incentive	I&A 5/15/08	Approved 12/23/08	Executed 5/15/09	\$900,000	

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167	LS	TMF – Shop Drawing Delay	I&A 3/16/09	N/A	Executed 5/6/09	\$632,670	
184	LS	Truss Design Modifications and Acceleration Costs (Partial Payment)	I&A 5/20/09	Approved 6/4/09	Executed 6/12/09	\$3,000,000	
184S1	LS	Truss Design Modifications and Acceleration Costs (Partial Payment)	I&A 7/31/09	Approved 8/6/09	Executed 8/11/09	\$4,393,420	
214		Truss Fabrication Acceleration Field Adjustments		N/A	In Progress	\$900,000	
187	FA	Temporary Bracing for Truss Exterior Stringers	N/A	N/A	Executed 7/16/09	\$150,000	
193	LS	Skid Beam Design Modifications	I&A 7/7/09	N/A	Executed 7/16/09	\$256,140	
206		DCCI Support Costs (Skid Bent Fabrication)		N/A	In Progress	\$200,000	
144	FA	Expansion Joint Mock-up	I&A 8/26/08	N/A	Executed 9/23/08	\$850,000	
144S1	FA	Expansion Joint Fabrication	I&A 2/03/08	Approved 2/5/09	Executed 4/06/09	\$2,900,000	
149	FA	Bearing Fabrication	I&A 11/03/08	Approved 11/10/08	Executed 11/25/08	\$1,600,000	
153	LS	Concrete Deck and barrier starter steel	I&A 6/23/09	Approved 6/4/09	Executed 7/6/09	\$2,389,940	(\$378,266)
154	LS	East Pile Deduct at BW6, East Pile	N/A	N/A	Executed 9/04/08	(\$400)	
154S1	LS	Pile Anomaly Deduction at A6W & B52A	N/A	Approved 11/13/08	Executed 11/25/08	(\$2,183)	
160	FA	Existing Truss Retrofit Fabrication	I&A 4/20/09	N/A	Executed 4/08/09	\$350,000	
170		Existing Truss Strengthening Erection YB-4		N/A	In Progress	\$413,600	(\$336,400)
175	LS	Existing Truss Strengthening Erection Stability Bracing at YB 3	I&A 7/22/09	N/A	Executed 8/13/09	\$311,144	(\$188,856)
164	LS	ETI Steel Erection Crane Runway Trestle	I&A 11/20/08	ATP 11/14/08 Approved 12/23/08	Executed 12/6/09	\$2,700,000	
169	LS	Skid Beam Jobsite Handling and Local Transportation Costs	I&A 1/02/09	Approved 12/23/08	Executed 2/25/09	\$1,095,020	
171	LS	Bridge Roll Out / Roll In	I&A 6/8/09	Approved 6/4/09	Executed 6/17/09	\$10,147,370	(\$328,820)
172	LS	Lead Paint Abatement and Access at YB-3	I&A 12/18/08	N/A	Executed 2/4/09	\$210,450	
174	FA	ETI Steel Barrier Rail Transition Fabrication	I&A 5/20/09	N/A	Executed 6/17/09	\$350,000	
177		Span YB-4 Demolition		TBD	In Progress	\$12,540,000	\$4,935,096
217		Skid Bent Demolition and Backfill		TBD	In Progress	\$6,000,000	
186	LS	TMP (Lane Closures and CMS)		Approved 6/4/09	In Progress	\$2,390,910	(\$609,090)
198		Job Wide Stripping Plan (ETI Portion)		TBD	In Progress	\$48,415	
		ETI OGAC on Bridge Deck		TBD	Future	\$0	
		District work – road signage, stage construction, SWPPP, Temp k-rail, etc		TBD	Future	\$268,125	
204	FA	CCM's Labor Day Support Costs	I&A 7/14/09	Approved 7/15/09	Executed 8/6/09	\$3,500,000	
		Expansion Joint Seal Installation (previously CCO 189)					
		ETI Steel Barrier Rail Transition Installation (previously CCO 190)					
		Stability Bracing at YBI (Previously CCO 175)					
		Bearing Installation (previously CCO 191)					
		Barrier Rail Installation (previously CCO 202)					
204S1		Additional Funds (If needed)		TBD	Future	\$1,400,000	
207	FA	Field Design Modifications Truss – Fabrication (U1, U8, L1, L8)	I&A 7/16/09	N/A	Executed 7/28/09	\$400,000	(\$1,100,000)
		Field Design Modifications Truss – Erection (U1, U8, L1, L8)		N/A	In Progress	\$500,000	
Current Status for East Tie-In						\$143,308,488	\$3,285,202

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Budget Status

The Contractor's bid price to construct the Contractor's design for the East Tie-In was \$6.0M with an additional \$1.46M to demolish the remaining portion of the ETI YB-4 span. The Department's December 14, 2006 Strategy Memorandum estimated an additional cost of \$34.0M to construct the Department's ETI roll out/roll in design concept. At the time, this estimate was based on minimal design information available. The June 2009 revised additional cost estimate is \$140.0M, with the current projection at \$143.3M. CCOs executed to date are \$117.3M.

Major cost increases to date are attributed to an increase in steel weight from the 65% to 100% designed plans, along with a market fluctuation in steel price, as well as additional costs to expedite the ETI construction work.

**Yerba Buena Island Transition Structures
Advance Foundations**

4

Progress of Work

The YBITS foundation and column locations being advanced are W3R/L, W4R/L, W5R/L, W6R/L, W7R/L, W7 Ramp and the temporary E.B. onramp abutment.

- W3 3L – substantially completed
3R – column (2nd lift of 2) in progress
- W4 4L – substantially completed
4R – column (3rd lift of 3) in progress
- W5 5L – 75 of 140 piles driven
5R – driving of shoring piles in progress
- W6 6L – substantially completed
6R North – column (3rd lift of 3) in progress
6R South – substantially completed
- W7 construction of the temporary soil nail wall and soldier pile shoring complete
7L North – excavation complete
7L South – substantially completed
7R – Footing completed, column (1st lift) in progress
Ramp – substantially completed
- EB On-ramp abutment – temporary shoring piles and permanent CIDH piles have been installed

Status of Contract Change Orders: YBI Transition Structures Advance Foundations

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 Approved Budget
64	FA	YBITS W3L Site Prep and Grading and Construct Access Road	N/A	N/A	Executed 1/8/07	\$150,000	
64S1	LS/FA	YBITS W3L Foundation and Column to Splice Zone, Integrated Shop Drawings for W3L, Concrete Washouts, 50% of Flagging, and Traffic Controls	I&A 3/13/07	Approved 2/15/07	Executed 4/4/07	\$5,835,000	
65	FA	Demo Exist Bridge Adv. Planning	N/A	Approved 4/14/08	Executed 4/18/08	\$175,000	(\$88,460)
65S1	LS	Demolish Exist Bridge (Bent 48 to YB-4)	I&A 4/06/09	Approved 5/7/09	Executed 5/21/09	\$9,227,660	
192	LS	Cable Bracing requires for Demolition of Spans YB-1, YB-2, and YB-3	N/A	N/A	Executed 8/13/09	\$111,540	
70	FA	Integrated Shop Drawings for Remaining YBITS Advance Locations (W3R, W4L/R, W5L/R, W6L/R, W7L/R, and W7 Ramp)	I&A 4/04/07	N/A	Executed 5/1/07	\$500,000	
70S1	FA	YBITS Advance – ISD 3R, 4R/L, 5R/L, 6R/L, 7R/L & ramp	I&A 1/17/08	N/A	Executed 1/30/08	\$450,000	
73	LS	YBITS W3R, W4R, W5R/L, W6R/L, and W7 Ramp Foundations and Columns	I&A 10/24/07	Approved 10/30/07	Executed 11/19/07	\$62,958,990	

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75	LS	YBITS W7R/L Foundations and Columns	I&A 4/2/08	Approved 4/3/08	Executed 4/14/08	\$13,125,000	(\$839,190)
75S1	LS	Bent W7 Structure Backfill	I&A 7/7/09	Approved 7/15/09	Executed 7/31/09	\$910,810	
77	LS	YBITS W4L Foundations and Columns	I&A 6/13/07	Approved 7/27/07	Executed 7/20/07	\$7,125,000	
78	FA	Relocation of Sewer Force Main	N/A	N/A	Executed 7/17/07	\$125,057	
94	LS	YBITS Temp. EB Onramp Abutment Piles and Shoring	I&A 5/18/09	N/A	Executed 5/21/09	\$153,593	(\$246,407)
118	FA	Vibration & Elev. Monitoring at W5L	N/A	N/A	Executed 2/20/08	\$50,000	
118S1	FA/LS/ID	Nimitz House vibration monitoring	N/A	N/A	Executed 8/05/08	\$50,050	
120	LS/Credit	CIDH Pile Mitigation Deduct	N/A	N/A	Executed 3/17/08	(\$400)	
124	FA/LS	Seismic Monitoring & Column Grounding	I&A 10/16/08	N/A	Executed 11/25/08	\$353,975	
126	FA	YBITS Excavation / Hazmat Disposal	I&A 4/7/08	Approved 4/3/08	Executed 4/17/08	\$500,000	
145		Revised Mass Concrete Spec. (Elimination of requirement from CCO's 73 & 75)		TBD	In Progress	\$0	
145S1		Credit for eliminated Mass Concrete Work		TBD	In Progress	(\$500,000)	
147	LS	Add Cost W4R Foundation Construction	N/A	N/A	Executed 7/21/08	\$25,024	
155	FA	Excess Soil Offhaul	I&A 8/13/08	N/A	Executed 9/03/08	\$500,000	
159	LS	Redesign Bent W7 Soil Nail Wall	I&A 11/10/08	N/A	Executed 5/21/09	\$916,280	
165	LS	W7 Soil Nail Wall Delay Costs	I&A 4/20/09	N/A	Executed 4/08/09	\$152,208	
185		HazMat Excavation for Bridge Removal		TBD	In Progress	\$106,000	\$106,000
211	LS	Duct Bank Revisions	N/A	N/A	Executed 8/13/09	\$129,152	(\$20,848)
211S1		Duct Bank Air Line Base Rock	N/A	N/A	In Progress	\$50,000	
Current Status for YBI Transition Structures Advance Foundations						\$103,179,939	(\$1,088,905)

Budget Status

The Department's December 25, 2006 Strategy Memorandum estimated the cost to construct Bents W3R/L, W4R/L, W5R/L, W6R/L, W7R/L, and W7 Ramp to be \$107M. In addition, the temporary E.B. onramp abutment was added at a later date with no estimate revision. The Departments December 14, 2006 Strategy Memorandum estimated the additional demolition costs for the existing bridge (Bent 48 through YB-4) to be \$3.5M. The combined estimate for both was \$110.5M. The June 2009 revised additional cost estimate is \$104.3M with a current projection of \$103.2M. Total CCOs executed to date are \$103.5M.

Administrative Issues General CCOs

5

Progress of Work

Administrative issues that remain on the YBID contract are related to setting project milestones and determining time related overhead resulting from the contract time extensions, escalation costs, the increased scope of work, and other necessary changes to the contract. Additionally, costs for implementing COZEEP for the East and West Tie-Ins need to be accounted for.

The following list of target milestones have been incorporated into the project schedule. This information will be revised as more detailed schedule information is developed.

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	Date	Status	Notes
W3L (foundation and column up to splice zone)	March 15 th , 2007	Complete	Finished 3/15/07
West Tie-In Phase 1 Viaduct Demo/Roll-In Complete	September 4 th , 2007	Complete	Finished 9/04/07
Access to W3R Available to CCM	January 2 nd , 2008	Partial access provided	Coordinating access with SAS
Upper East Tie-In Area Available to CCM (Revised October 2008)	December 2009	Partial access provided	Coordinating access with SAS
East Tie-In Roll-Out/Roll-In Complete (Revised October 2008)	September 7 th , 2009		
Project Completion (Revised July 2009)	December 10, 2010		

The Department has extended TRO compensation at the original contract rate through September 1, 2009. The Contractor has completed a TRO audit. The Department is reviewing this information so that an appropriate TRO adjustment can be negotiated.

The Department continues to pursue a resolution to the remaining NOPC issues. Of the 18 NOPC issues, only three remain outstanding. Of the three it is anticipated that Viaduct CCO #128 will resolve NOPC #6, resolution of the existing structure demolition costs will resolve NOPC #15, and resolution of the TRO costs will resolve NOPC #18.

Status of Contract Change Orders: Administrative Issues

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from June 09 Approved Budget
1 S2	FA	Flagging & Traffic Control	N/A	N/A	Executed 12/5/07	\$200,000	
1S3	FA	Flagging & Traffic Control	N/A	N/A	Executed 7/2/08	\$300,000	
1S4	FA/LS	Flagging & Traffic Control	N/A	N/A	Executed 7/9/09	(\$57,580)	(\$57,580)
13S1	FA	PMIV Additional Funds	I&A 3/10/08	N/A	Executed 3/17/08	\$300,000	
39S1	FA	Additional Funds for Shuttle Service to USCG	I&A 3/18/09	N/A	Executed 3/30/2009	\$500,000	
45 S1	LS	Additional SWPPP	I&A 12/14/07	N/A	Executed 1/31/08	\$350,000	
51	LS	NOPC 12 & 13 Resolution	N/A	N/A	Executed 8/17/06	\$25,234	
52	0	Elimination of Contractor's Design of Tie-Ins	I&A 1/19/07	N/A	Executed 3/2/07	\$0	
53	FA	Handling and Storage of Material	I&A 11/06/06	N/A	Executed 12/8/06	\$240,000	
56	LS	Contractor's Design additional cost... Resolved NOPCs 2,3,4,8,9,10,11,14, and 16	I&A 2/20/08	Approved 3/5/08	Executed 3/17/08	\$6,837,310	
57	LS	Demolition of Building 206	N/A	N/A	Executed 10/18/06	\$22,378	
57S1	LS	Remove and Clear Building 254	N/A	N/A	Executed 6/4/07	\$10,572	
66S1	FA	Video/Photo Documentation Services Supplemental Funds	N/A	N/A	Executed 4/14/08	\$200,000	
66S2	FA	Video/Photo Documentation Services Supplemental Funds		N/A	In Progress	\$200,000	
86	LS	Additional Suspension Costs	N/A	N/A	Executed 5/19/08	\$42,764	
91	LS	Contract Days Extension/TRO Compensation to November 08	RPP 8/28/07	TBD	Executed 10/31/07	\$1,818,948	
91 S1	LS	Base Contract TRO Extension to September 1, 2009	I&A 10/25/07	Approved 10/30/07	Executed 11/16/07	\$8,463,159	
91 S2	LS	Base Contract TRO Extension to December 10, 2010		Approved 7/15/09	In Progress	\$5,494,737	
114		Global TRO Adjustment and TRO Audit		TBD	In Progress	\$6,505,263	
96	FA	SWPPP Steep Slope Stabilization Measures	N/A	N/A	Executed 1/4/08	\$190,000	
96S1	FA	Add Funds Shotcrete Slope at Bent 48	N/A	N/A	Executed 7/2/08	\$40,000	

Yerba Buena Island Detour, Contract No. 04-0120R4
Contract Change Order Implementation Strategy
August 27, 2009

DRAFT

109	FA	MEP Coordination	N/A	N/A	Executed 1/30/08	\$100,000	
110	FA	Geotech. Exploration Pads and Support	N/A	N/A	Executed 2/20/08	\$150,000	
119	FA/LS/ID/ UP	Project Wide SWPPP	I&A 4/07/08	N/A	Executed 4/17/08	\$638,939	
123	FA	Treasure Island Yard Lot Rental	I&A 4/16/08	N/A	Executed 4/17/08	\$600,000	
125	FA	Project Access Paving	N/A	N/A	Executed 4/04/08	\$150,000	
125S1	FA	Additional Funds, Project Access Paving	I&A 6/12/08	N/A	Executed 6/25/08	\$35,000	
130	LS	Project Retention	I&A 4/07/08	N/A	Executed 4/14/08	\$136,510	
131	FA	Delete Permanent Erosion Control Items	N/A	N/A	Executed 5/6/09	(\$74,502)	
132	LS	Storm Damage Slope Repair (Resolved NOPC 17)	N/A	N/A	Executed 5/23/08	\$23,870	
139		Revised ESA's	N/A	N/A	Executed 5/23/08	\$0	
142	FA	Macalla Road Sinkhole Repair	N/A	N/A	Executed 7/18/08	\$150,000	
146	FA	Macalla Road Tree Trimming	N/A	N/A	Executed 7/21/08	\$50,000	
146S1	FA	Add Funds Macalla Road Tree Trimming	N/A	N/A	Executed 11/25/08	\$50,000	
151		Public Safety Spec Change (Suspended Load)	N/A	N/A	Executed 9/23/08	\$0	
157		USCG Access Mitigation Stairway Design to Quarters Above		N/A	Executed 1/28/09	\$150,000	
176	FA	Construction Staking	N/A	N/A	Executed 4/08/09	\$100,000	
		Non CCO Charges...COZEPP, lead survey, respirator training			In Progress	\$1,323,000	
182		USCG use parking lots at WTI area Quarters 8		TBD	In Progress	\$300,000	
188		Sound Control Requirements, pile driving restrictions (Specification Only)		TBD	In Progress	\$100,000	
188S1		Sound Control Impacts to W6 & W7 Pile Driving		TBD	In Progress		
195	FA	USCG Stair Access to Quarters 9 along Goat Slope		N/A	In Progress	\$500,000	(\$300,000)
203		SSD Base Camera's		TBD	In Progress	\$700,000	
208		Permanent Gawk Screen on North Side Detour Rail – CCO Deleted				\$0	(\$200,000)
		PIO Office Labor Day Outreach		N/A	In Progress	\$200,000	
		Macalla Road Repairs		N/A	In Progress	\$200,000	
Current Status for Administrative and General CCOs						\$37,265,602	(\$557,580)

Budget Status

As of June 2009 the revised additional cost estimate for Time Related Overhead, escalation issues, and job wide changes is \$37.8M with the largest estimated cost being attributed to a global TRO adjustment. As Contract Change Orders for these items are negotiated, this estimate will be updated. Costs related to settlement of NOPC issues not captured here will be paid out of the contract contingency.

Additionally, the original contract allotment provided \$1.3M for COZEPP. Subsequently, there were \$23,000 in other charges for a lead survey and respirator training both related to the WTI Phase 1 demolition work, providing for total non-CCO related charges of \$1.323M to the contract. These costs are shown here to capture costs to the project. It is also important to note that with two full bridge closures planned additional COZEPP funds may be required.

Total CCOs executed to date are \$21.7M.

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2009

FR: Andrew Fremier, Deputy Executive Director, BATA

RE: Agenda No. - 4a
Progress Reports
Item- Draft August 2009 Monthly Progress Report

Recommendation:

APPROVAL Confirmation

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

Included in this packet is a Draft August 2009 Monthly Progress Report. By meeting time, the final version will have been approved by the PMT through delegated TBPOC authority for distribution on September 1, 2009. The PMT requests TBPOC confirmation of this approval.

Attachment(s):

Draft August 2009 Monthly Progress Report (see end of binder)

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2008

FR: Program Management Team (PMT)

RE: Agenda No. - 5a1

Item- San Francisco-Oakland Bay Bridge Updates
Self-Anchored Suspension Superstructure
TBPOC China & Canada Visit Debrief

Recommendation:

For Information Only

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

There will be a debriefing on the TBPOC visits to Canada and China at the September 2 meeting.

Attachment(s):

N/A

Memorandum

TO: Toll Bridge Program Oversight Committee **DATE:** August 27, 2009
(TBPOC)

FR: Tony Anziano, Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 5b1

Item- San Francisco-Oakland Bay Bridge Updates
Yerba Buena Island Transition Structures No. 1 Update

Recommendation:

For Information Only

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

A verbal update on the Yerba Buena Island Transition Structures No. 1 contract will be provided at the September 2nd meeting.

Attachment(s):

N/A

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 27, 2009

FR: Tony Anziano, Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 5c1

Item- San Francisco-Oakland Bay Bridge Updates
Oakland Touchdown No. 1 Update

Recommendation:

For Information Only

Cost:

N/A

Schedule Impacts:

N/A

Discussion:

A verbal update on the Oakland Touchdown No. 1 contract will be provided at the September 2nd meeting.

Attachment(s):

N/A

ITEM 6: OTHER BUSINESS

No Attachments

**ITEM 7: TOUR OF YERBA BUENA ISLAND
(OPTIONAL)**